

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gerard BRADY                      Examiner:              Unknown  
Serial No.: 10/523,462                      Group Art Unit:      Unknown  
Filed:              July 31, 2003                      Docket:              67890-3  
Title:              ANALYSIS OF BIOLOGICAL SAMPLES

---

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 04-0258 in order to have this Information Disclosure Statement considered.

**INFORMATION DISCLOSURE STATEMENT**

Serial No :10/523,462

Filing Date: July 31, 2003

Title: ANALYSIS OF BIOLOGICAL SAMPLES

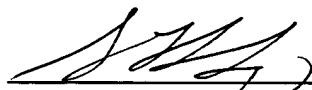
Page 2  
Dkt: 67890-3

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

March 14, 2005

Respectfully submitted,  
DAVIS WRIGHT TREMAINE LLP

By



Seth D. Levy

Registration No. 44,869

865 South Figueroa Street  
Suite 2400  
Phone: (213) 633-6869  
Facsimile: (213) 633-6899

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14<sup>th</sup> day of March, 2005.

Seth D. Levy

Signature

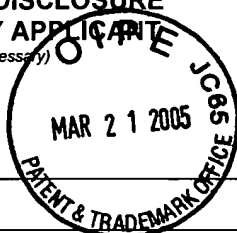


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/523,462
Filing Date	July 31, 2003
First Named Inventor	Gerard BRADY
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: 67890-3

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
--------------------	---------------------	------------------	---	---

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
--------------------	---------------------	------------------	---	---	----------------

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BRADY, G., et al., "Construction of cDNA libraries from single cells", <i>Methods Enzymol.</i> , Vol. 225 (1993) 611-623	
		BRADY, G., et al., "Representative in vitro cDNA amplification from individual hemopoietic cells and colonies", <i>Meth. Mol. Cell. Biol.</i> , Vol. 2 (1990) 17-25	
		CHEE, M., et al., "Accessing genetic information with high-density DNA arrays", <i>Science</i> , Vol. 274 (1996) 610-4	
		CUMANO, A., et al., "Bipotential precursors of B cells and macrophages in murine fetal liver", <i>Nature</i> , Vol. 356 (1992) 612-615	
		IYER, V. R., et al., "The transcriptional program in the response of human fibroblasts to serum", <i>Science</i> , Vol. 283 (1999) 83-7	
		KURIBAYASHI-OHTA, et al., "Application of oligo(dT)30-latex for rapid purification of poly(A)+ mRNA and for hybrid subtraction with the in situ reverse transcribed cDNA", <i>Biochim Biophys Acta</i> , Vol. 1156 (1993) 204-12	
		LIANG, P., et al., "Differential display of eukaryotic messenger RNA by means of the polymerase chain reaction", <i>Science</i> , Vol. 257 (1992) 967-71	
		LIPSHUTZ, R. J., et al., "Using oligonucleotide probe arrays to access genetic diversity. Biotechniques", <i>Biotechniques</i> , Vol. 19 (1995) 442-7	
		LOCKHART, D. J., et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays", <i>Nat. Biotechnol.</i> , Vol. 14 (1996) 1675-80	
		LOPEZ-FERNANDEZ, L. A., et al., "Construction of subtractive cDNA libraries from limited amounts of mRNA and multiple cycles of subtraction", <i>Biotechniques</i> , Vol. 15 (1993) 654-6, 658-9	
		SCHENA, M., "Genome analysis with gene expression microarrays", <i>Bioessays</i> , Vol. 18 (1996) 427-31	
		SCHENA, M., et al., "Quantitative monitoring of gene expression patterns with a complementary DNA microarray", <i>Science</i> , Vol. 270 (1995) 467-70	
		SCHRAML, P., et al., "cDNA subtraction library construction using a magnet-assisted subtraction technique (MAST)", <i>Trends Genet.</i> , Vol. 9 (1993) 70-1	
		SIGAL, N., et al., "A DNA-unwinding protein isolated from Escherichia coli: its interaction with DNA and with DNA polymerases", <i>Proc Natl Acad Sci USA</i> , Vol. 69 (1972) 3537-41	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

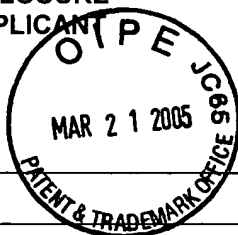
\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/523,462
Filing Date	July 31, 2003
First Named Inventor	Gerard BRADY
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 2 of 2

Attorney Docket No: 67890-3

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SOARES, M. B., "Identification and cloning of differentially expressed genes", <i>Curr. Opin. Biotechnol.</i> , Vol. 8 (1997) 542-6	
		SOUTHERN, E. M., et al., "DNA chips: analysing sequence by hybridization to oligonucleotides on a large scale", <i>Trends Genet.</i> , Vol. 12 (1996) 110-5	
		WEAVER, D. L., et al., "Single-cell RT-PCR cDNA subtraction. In Molecular Embryology: Methods and Protocols", <i>Humana Press</i> , Totowa, N.J., USA, (1999) 601-609	
		WELCHER, A. A., et al., "Selective enrichment of specific DNA, cDNA and RNA sequences using biotinylated probes, avidin and copper-chelate agarose", <i>Nucleic Acids Res.</i> , Vol. 14 (1986) 10027-44	
		WILLIAMS, K. R., et al., "Limited proteolysis studies on the Escherichia coli single-stranded DNA binding protein. Evidence for a functionally homologous domain in both the Escherichia coli and T4 DNA binding proteins", <i>J Biol Chem</i> , Vol. 258 (1983) 3346-55	

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached